

In the Claims:

1-38. (Previously cancelled)

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39-40. (Currently cancelled)

41-44. (Previously cancelled)

| 45. (New) A recombinant or synthetic peptide consisting of the sequence:

X₁ X₂ X₃

wherein X₁ and X₃ may be the same or different and each is an amino acid sequence
SRE
6/14/03
I,
consisting of from 0 to 40 naturally occurring amino acid residues; X₂ has the
sequence of FFYTPKTRREAED (SEQ ID NO: 1) and wherein said peptide is capable
of reacting with T cells and modifying T-cell function when incubated with cells from
subjects having pre-clinical or clinical IDDM.

2 46. (New) A recombinant or synthetic peptide consisting of the sequence:

X₁ X₂ X₃

wherein X₁ and X₃ may be the same or different and each is an amino acid sequence
SRE
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consisting of from 0 to 40 naturally occurring amino acid residues; X₂ has the
sequence of FWYIPPSLRTLED (SEQ ID NO: 2) and wherein said peptide is capable
of reacting with T cells and modifying T-cell function when incubated with cells from
subjects having pre-clinical or clinical IDDM.
